

# Hadoop Distributed File System Releases

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## 1. Download

Releases may be downloaded from Apache mirrors.

### [Download a release now!](#)

On the mirror, all recent releases are available, but are not guaranteed to be stable. For stable releases, look in the stable directory.

Some third parties package Hadoop, using systems such as RPM. These are listed on the [Distributions wiki page](#).

## 2. News

### 2.1. 22 April, 2009: release 0.20.0 available

This release contains many improvements, new features, bug fixes and optimizations.

See the [Hadoop 0.20.0 Release Notes](#) for details. Alternatively, you can look at the complete [change log for this release](#) or the [Jira issue log for all releases](#).

### 2.2. 24 February, 2009: release 0.19.1 available

This release contains many critical bug fixes, including **some data loss issues**. The release also introduces an **incompatible change** by disabling the file append API ([HADOOP-5224](#)) until it can be stabilized.

See the [Hadoop 0.19.1 Release Notes](#) for details. Alternatively, you can look at the complete [change log for this release](#) or the [Jira issue log for all releases](#).

### 2.3. 29 January, 2009: release 0.18.3 available

This release contains many critical bug fixes.

See the [Hadoop 0.18.3 Release Notes](#) for details. Alternatively, you can look at the complete [change log for this release](#) or the [Jira issue log for all releases](#).

### 2.4. 21 November, 2008: release 0.19.0 available

This release contains many improvements, new features, bug fixes and optimizations.

See the [Hadoop 0.19.0 Release Notes](#) for details. Alternatively, you can look at the complete [change log for this release](#) or the [Jira issue log for all releases](#).

### **2.5. 3 November, 2008: release 0.18.2 available**

This release contains several critical bug fixes.

See the [Hadoop 0.18.2 Release Notes](#) for details. Alternatively, you can look at the complete [change log for this release](#) or the [Jira issue log for all releases](#).

### **2.6. 17 September, 2008: release 0.18.1 available**

This release contains several critical bug fixes.

See the [Hadoop 0.18.1 Release Notes](#) for details. Alternatively, you can look at the complete [change log for this release](#) or the [Jira issue log for all releases](#).

### **2.7. 22 August, 2008: release 0.18.0 available**

This release contains many improvements, new features, bug fixes and optimizations.

See the [Hadoop 0.18.0 Release Notes](#) for details. Alternatively, you can look at the complete [change log for this release](#) or the [Jira issue log for all releases](#).

### **2.8. 19 August, 2008: release 0.17.2 available**

This release contains several critical bug fixes.

See the Hadoop 0.17.2 Notes for details.

### **2.9. 23 June, 2008: release 0.17.1 available**

This release contains many improvements, new features, bug fixes and optimizations.

See the Hadoop 0.17.1 Notes for details.

### **2.10. 20 May, 2008: release 0.17.0 available**

This release contains many improvements, new features, bug fixes and optimizations.

See the Hadoop 0.17.0 Release Notes for details.

### **2.11. 5 May, 2008: release 0.16.4 available**

This release fixes 4 critical bugs in release 0.16.3.

### **2.12. 16 April, 2008: release 0.16.3 available**

This release fixes critical bugs in release 0.16.2.

### **2.13. 2 April, 2008: release 0.16.2 available**

This release fixes critical bugs in release 0.16.1.

**Note:**

HBase has been removed from this release. HBase releases are now maintained at <http://hadoop.apache.org/hbase/>

### **2.14. 13 March, 2008: release 0.16.1 available**

This release fixes critical bugs in release 0.16.0.

**Note:**

HBase releases are now maintained at <http://hadoop.apache.org/hbase/>

### **2.15. 7 February, 2008: release 0.16.0 available**

This release contains many improvements, new features, bug fixes and optimizations.

See the release notes (above) for details.

**Note:**

When upgrading an existing HDFS filesystem to a 0.16.x release from an earlier release, you should first start HDFS with 'bin/start-dfs.sh -upgrade'. See the [Hadoop Upgrade](#) page for details.

### **2.16. 18 January, 2008: release 0.15.3 available**

This release fixes critical bugs in release 0.15.3.

### **2.17. 2 January, 2008: release 0.15.2 available**

This release fixes critical bugs in release 0.15.1.

### **2.18. 27 November, 2007: release 0.15.1 available**

This release fixes critical bugs in release 0.15.0.

### **2.19. 26 November, 2007: release 0.14.4 available**

This release fixes critical bugs in release 0.14.3.

### **2.20. 29 October 2007: release 0.15.0 available**

This release contains many improvements, new features, bug fixes and optimizations.

Notably, this contains the first working version of [HBase](#).

See the release notes (above) for details.

**Note:**

When upgrading an existing HDFS filesystem to a 0.15.x release from an earlier release, you should first start HDFS with 'bin/start-dfs.sh -upgrade'. See the [Hadoop Upgrade](#) page for details.

### **2.21. 19 October, 2007: release 0.14.3 available**

This release fixes critical bugs in release 0.14.2.

### **2.22. 4 September, 2007: release 0.14.1 available**

New features in release 0.14 include:

- Better checksums in HDFS. Checksums are no longer stored in parallel HDFS files, but are stored directly by datanodes alongside blocks. This is more efficient for the namenode and also improves data integrity.
- Pipes: A C++ API for MapReduce
- Eclipse Plugin, including HDFS browsing, job monitoring, etc.
- File modification times in HDFS.

There are many other improvements, bug fixes, optimizations and new features. Performance and reliability are better than ever.

**Note:**

When upgrading an existing HDFS filesystem to a 0.14.x release from a 0.13.x or earlier release, you should first start HDFS with 'bin/start-dfs.sh -upgrade'. See the [Hadoop 0.14 Upgrade](#) page for details.